also hire at this time of year. The rush to complete income tax returns was responsible for temporary jobs in business services.

Baby Boom Echo Means More Jobs in Education

The April drop in education employment was also seasonal in nature. Spring vacation causes temporary staff layoffs in elementary and secondary schools. In higher education, enrollments usually drop during spring. This results in staff reductions when the new academic quarter begins. Most April job losses in local education are restored in May. For the longer term, job opportunities in elementary education are expected to expand rapidly. Pre-schools are experiencing their largest enrollment in fifteen years as the baby boom generation sends its own children to school. The National Education Association predicts a need for an additional 200,000 teachers each year from 1986 to 1990.

Although April developments in nonmanufacturing generally followed past seasonal patterns, there were some notable departures. The gain of 1,500 construction jobs was about 2,500 below normal. A slowdown in housing starts due to higher mortgage rates is the probable cause. Employment data collected in May and June will provide more definite answers.

Federal and State Measures Ease Impact of Higher Mortgage Rates

Both Federal and state governments are taking steps to ease the impact of rising mortgage rates. The National Mortgage Association is creating a government guaranteed mortgage-backed security with an adjustable interest rate. This will enhance the availability of adjustable rate mortgages. On the state level, the Washington State Housing Finance Commission, chartered during the last legislative session, is completing its first loan issue and preparing to offer a second. The program provides loans to eligible first-time home-buyers and housing developers at 11.2 percent interest, three percentage points below the current average thirty year home mortgage rate. Programs such as these, together with adjustable rate mortgages, are expected to prevent a recurrence of the 1981-81 recession in construction trades.

Lesser than expected March to April employment gains were also recorded in the services sector, particularly in business, health, and social services. Although new business incorporations statewide remained strong in the first quarter of 1984, cost conscious companies may be cutting back on the use of outside business services. Cutbacks in direct and subsidized government social and health services account for an additional part of the shortfall. During past non-recession years the April increase in services employment has been about 4,500, compared to 1,800 for the current year. Again, data from succeeding months will provide a clearer perspective on the shortfall.

The April jump in retail trade employment matched past seasonal increases, with further gains expected through spring and summer. Key national indicators of consumer activity point to continuing strength in trade industry profits and employment. Nationally, personal income, consumer spending, and retail sales all advanced solidly in April after dropping or holding steady in February and March. Predictions of a record year in Puget Sound tourism are supported thus far by Port of Seattle data showing a surge in the number of foreign visitors to the region.

EMPLOYMENT OUTLOOK: THE NATIONAL CONTEXT

Among recent national developments, an increase in the prime lending rate from 12.0 percent to 12.5 percent had the most immediate impact on Washington State employment. The third boost in the prime rate in the past three months has contributed to slower than normal job growth in lumber and wood products and construction. Consumer prices, however, have risen modestly despite the blistering pace of first quarter expansion. (Gross National Product in the first quarter of 1984 grew at a revised annual rate of 8.8 percent, four percentage points higher than initial estimates.) Lack of evidence that inflation is igniting should ease upward pressures on interest rates, enabling recovery to resume in logging, construction, and other interest rate-sensitive industries.

*** NEW PUBLICATIONS AVAILABLE ***

AREA WAGE SURVEY Clallam & Jefferson Counties

The Wage Analysis Unit of the Research and Analysis Branch recently completed an occupational wage survey for Clallam and Jefferson counties. The survey report, based upon data from 148 establishments, presents wage ranges and averages for clerical, managerial, professional, technical and general occupations. The report, titled "AREA WAGE SURVEY, CLALLAM & JEFFERSON COUNTIES, FEBRUARY 1984," is available on request from Research and Analysis, P.O. Box 46502, Seattle, Washington 98146, Phone (206) 764-6453.

AFFIRMATIVE ACTION INFORMATION

The "1984 AFFIRMATIVE ACTION INFORMATION" reports are now available for the state and all Metropolitan Statistical Areas in Washington State. These reports contain information on the characteristics of the labor force and are intended to assist employers attempting to meet affirmative action objectives. Persons already on the mailing lists for these publications will automatically receive these reports. Others may obtain them, without charge, from the Research and Analysis Branch, 212 Maple Park, Olympia, Washington 98504.

RESIDENT CIVILIAN LABOR FORCE AND EMPLOYMENT IN WASHINGTON STATE 1/
(In Thousands)

NOT SEASONALLY ADJUSTED

	Apr. 1984 (Prel.)	Mar. 1984 (Rev.)	Apr. 1983	Mar. 1983	Change Mar.84 to Apr.84	Change Apr.83 to Apr.84
RESIDENT CIVILIAN LABOR FORCE	2,071.6	2,051.1	2,056.5	2,039.4	+20.5	+15.1
EMPLOYMENT	1,860.9	1,836.9	1,814.7	1,774.6	+24.0	+46.2
UNEMPLOYMENT	210.7	214.2	241.8	264.8	-3.5	-31.1
Percent of Labor Force	10.2	10.4	11.8	13.0	xxx	xxx

NONAGRICULTURAL WAGE AND SALARY WORKERS IN WASHINGTON STATE, PLACE OF WORK 2/
(In Thousands)

NOT SEASONALLY ADJUSTED

	Apr. 1984 (Prel.)	Mar. 1984 (Rev.)	Apr. 1983	Mar. 1983	Change Mar.84 to Apr.84	Change Apr.83 to Apr.84
TOTAL NONAG. WAGE AND SALARY	1,617.3	1,605.9	1,568.8	1,544.1	+11.4	+48.5
TOTAL MANUFACTURING	282.0	280.3	275.7	272.1	+1.7	+6.3
Durable Goods	194.7	194.0	192.3	190.5	+0.7	+2.4
Lumber & Wood Products	41.7	41.4	40.5	38.7	+0.3	+1.2
Furniture & Fixtures	3.4	3.4	3.1	3.0	0.0	+0.3
Stone, Clay & Glass Prod	6.1	6.2	5.8	5.6	-0.1	+0.3
Primary Metal Industries	13.5	13.5	12.2	12.0	0.0	+1.3
Aluminum Prod. & Processing	9.0	9.0	7.8	7.6	0.0	+1.2
Fabricated Metal Products	9.7	9.6	8.9 4/	8.9	+0.1	+0.8
Machinery	26.8	26.8	25.9	25.4	0.0	+0.9
Machinery (Exc. Elect.)	15.6	15.7	15.2 4/	14.9	-0.1	+0.4
Electrical & Elec. Equip	11.2	11.1	10.7	10.5	+0.1	+0.5
Transportation Equipment	79.1	79.0	82.7	83.8	+0.1	-3.6
Aerospace	63.2	63.0	66.2	67.3	+0.2	-3.0
Other Transp. Equipment	15.9	16.0	16.5	16.5	-0.1	-0.6
Instruments & Related Prod	9.8	9.7	9.2	9.2	+0.1	+0.6
Misc. Manufacturing Indus.	4.6	4.4	4.0	3.9	+0.2	+0.6
Nondurable Goods	87.3	86.3	83.4	81.6	+1.0	+3.9
Food & Kindred Products	30.7	30.1	30.0	28.6	+0.6	+0.7
Canned & Preserved Foods	10.4	9.7	9.9	8.4	+0.7	+0.5
Apparel & Other Text. Prod	6.1	6.1	5.6	5.5	0.0	+0.5
Paper & Allied Products	16.0	16.0	15.4	15.4	0.0	+0.6
Printing & Publishing	16.5	16.5	16.0	15.9	0.0	+0.5
Chemicals & Allied Products	10.8	10.6	9.9	9.8	+0.2	+0.9
Other Nondurable Goods 3/	7.2 4/	7.0 4/	6.5	6.4	+0.2	+0.7
MINING & QUARRYING	2.9	2.9	2.6	2.5	0.0	+0.3
CONSTRUCTION	69.1	67.6	69.6	66.7	+1.5	-0.5
TRANS. & PUBLIC UTILITIES	90.2	89.7	87.1	85.1	+0.5	+3.1
WHOLESALE & RETAIL TRADE	404.1	398.1	385.0	376.7	+6.0	+19.1
Wholesale Trade	102.6	102.1	98.4	96.4	+0.5	+4.2
Retail Trade	301.5	296.0	286.6	280.3	+5.5	+14.9
FINANCE, INS., & REAL ESTATE	93.5	92.7	91.6	90.2	+0.8	+1.9
SERVICES	336.2	334.4	325.8	321.4	+1.8	+10.4
GOVERNMENT	339.3	340.2	331.4	329.4	-0.9	+7.9
Federal	67.6	67.3	67.3	66.8	+0.3	+0.3
State & Local	271.7	272.9	264.1	262.6	-1.2	+7.6
Education	149.5	151.2	145.1	145.0	-1.7	+4.4
(WORKERS IN LABOR MANAGEMENT DISPUTES)	0.2	0.2	0.3	0.0	0.0	-0.1

1/ These data are alternative estimates which are more nearly comparable to data released in previous years than are offical Bureau of Labor Statistics estimates developed for Federal program purposes.

2/ Excludes proprietors, self-employed, members of armed forces, and private household employees. Includes all full- and part-time wage and salary workers receiving pay during pay period including the 12th of the month.

3/ Includes textile mill products, rubber and miscellaneous plastics products, petroleum refining and related products, and leather products.

4/ Excludes workers involved in labor-management disputes.

Washington State
EMPLOYMENT SECURITY DEPARTMENT

RESIDENT LABOR FORCE AND EMPLOYMENT IN WASHINGTON STATE AND LABOR MARKET AREAS

(Not Seasonally Adjusted)

Date: May 29, 1984

Benchmark: 1983

John Spellman, Governor
Norward J. Brooks, Commissioner

	April 1984 Preliminary 3/				March 1984 Revised				April 1983 Revised			
	Labor Force	Employment	Unemployment	Rate	Labor Force	Employment	Unemployment	Rate	Labor Force	Employment	Unemployment	Rate
Washington State Total 1/	2,071,600	1,860,900	210,700	10.2	2,051,100	1,836,900	214,200	10.4	2,056,500	1,814,700	241,800	11.8
Bellingham SMSA	52,400	46,500	5,900	11.3	52,000	46,100	5,900	11.3	51,400	44,800	6,600	12.8
Bremerton SMSA	65,100	60,000	5,100	7.8	64,100	59,300	4,800	7.5	63,800	58,600	5,200	8.2
Olympia SMSA	59,100	52,800	6,300	10.7	58,400	52,300	6,100	10.4	59,200	52,400	6,800	11.5
Seattle-Everett SMSA	911,200	835,400	75,800	8.3	905,900	829,600	76,300	8.4	896,500	803,700	92,800	10.4
Spokane SMSA	156,800	142,900	13,900	8.9	154,200	140,000	14,200	9.2	155,400	138,500	16,900	10.9
Tacoma SMSA	191,100	169,600	21,500	11.3	190,200	168,600	21,600	11.4	191,700	167,600	24,100	12.6
Tri-Cities Area 2/	75,800	65,900	9,900	13.1	74,600	63,900	10,700	14.3	79,700	68,800	10,900	13.7
Yakima SMSA	91,000	77,100	13,900	15.3	88,300	72,800	15,500	17.6	88,000	74,300	13,700	15.6
Wenatchee Labor Area 2/	38,770	33,400	5,370	13.9	37,830	32,120	5,710	15.1	38,730	32,290	6,440	16.6
Adams	7,890	6,910	980	12.4	7,730	6,630	1,100	14.2	7,490	6,750	740	9.9
Asotin	8,200	7,360	840	10.2	8,140	7,330	810	10.0	8,760	7,650	1,110	12.7
Clallam	20,000	17,310	2,690	13.5	19,540	16,710	2,830	14.5	20,490	16,630	3,860	18.8
Clark	94,590	86,300	8,290	8.8	93,790	85,600	8,190	8.7	93,970	84,100	9,870	10.5
Columbia	2,190	1,960	230	10.5	1,930	1,690	240	12.4	2,390	2,070	320	13.4
Cowlitz	33,080	28,560	4,520	13.7	32,960	28,610	4,350	13.2	33,700	28,600	5,100	15.1
Ferry	2,850	2,270	580	20.4	2,740	2,160	580	21.2	2,710	2,140	570	21.0
Garfield	1,300	1,180	120	9.2	1,260	1,130	130	10.3	1,270	1,170	100	7.9
Grant	24,180	21,070	3,110	12.9	23,810	20,600	3,210	13.5	23,930	20,920	3,010	12.6
Grays Harbor	28,440	24,340	4,100	14.4	28,130	24,070	4,060	14.4	32,090	27,380	4,710	14.7
Island	15,460	14,100	1,360	8.8	15,300	13,920	1,380	9.0	15,410	13,850	1,560	10.1
Jefferson	6,770	6,060	710	10.5	6,520	5,820	700	10.7	6,560	5,840	720	11.0
Kittitas	11,900	9,920	1,980	16.6	11,760	9,850	1,910	16.2	11,240	9,410	1,830	16.3
Klickitat	7,190	5,950	1,240	17.2	7,180	5,790	1,390	19.4	7,170	5,720	1,450	20.2
Lewis	24,680	21,050	3,630	14.7	24,380	20,890	3,490	14.3	25,040	21,130	3,910	15.6
Lincoln	4,620	4,430	190	4.1	4,490	4,250	240	5.3	4,600	4,360	240	5.2
Mason	10,860	9,610	1,250	11.5	10,710	9,540	1,170	10.9	11,030	9,530	1,500	13.6
Okanogan	15,770	12,690	3,080	19.5	15,730	12,290	3,440	21.9	16,280	12,750	3,530	21.7
Pacific	7,250	6,120	1,130	15.6	7,130	6,040	1,090	15.3	7,360	6,260	1,100	14.9
Pend Oreille	4,370	3,580	790	18.1	4,210	3,480	730	17.3	3,770	2,860	910	24.1
San Juan	3,660	3,360	300	8.2	3,620	3,290	330	9.1	3,810	3,450	360	9.4
Skagit	34,690	29,420	5,270	15.2	34,720	29,620	5,100	14.7	33,230	27,870	5,360	16.1
Skamania	2,770	2,220	550	19.9	2,980	2,330	650	21.8	3,000	2,310	690	23.0
Stevens	12,680	10,260	2,420	19.1	12,480	9,970	2,510	20.1	12,870	10,280	2,590	20.1
Wahkiakum	1,430	1,320	110	7.7	1,410	1,270	140	9.9	1,270	1,150	120	9.4
Walla Walla	26,180	23,230	2,950	11.3	25,920	22,820	3,100	12.0	25,770	23,260	2,510	9.7
Whitman	17,460	16,830	630	3.6	17,040	16,420	620	3.6	17,050	16,440	610	3.6

1/ Detail may not add due to rounding.

2/ The Tri-Cities area includes all of Benton and Franklin Counties. The Wenatchee Labor Area includes all of Chelan and Douglas counties.

3/ Estimates provided here are for use as an economic time-series. Official Bureau of Labor Statistics' estimates, which must be used for Federal program purposes, are available upon request.

Research and Analysis Branch

WASHINGTON STATE LABOR FORCE AND EMPLOYMENT
ESTIMATES FOR FEDERAL PROGRAM PURPOSES

May 29, 1984
Benchmark 1983

(Not Seasonally Adjusted)

	April 1984 Preliminary 3/				March 1984 Revised			
	Labor Force	Employment	Unemployment	Unemployment Rate	Labor Force	Employment	Unemployment	Unemployment Rate
Washington State Total 1/	2,066,100	1,853,400	212,700	10.3	2,059,500	1,840,500	219,000	10.6
Bellingham SMSA	52,300	46,300	6,000	11.5	52,200	46,200	6,000	11.5
Bremerton SMSA	64,900	59,800	5,100	7.9	64,300	59,400	4,900	7.6
Olympia SMSA	58,800	52,500	6,300	10.7	58,600	52,400	6,200	10.6
King County	714,600	657,500	57,100	8.0	715,300	656,900	58,400	8.2
Snohomish County	193,900	174,500	19,400	10.0	193,900	174,400	19,600	10.1
Spokane SMSA	156,300	142,300	14,000	9.0	154,800	140,300	14,500	9.4
Tacoma SMSA	190,600	168,900	21,700	11.4	191,000	168,900	22,100	11.6
Tri-Cities Area 2/	75,600	65,600	10,000	13.2	74,900	64,000	10,900	14.6
Yakima SMSA	90,800	76,800	14,000	15.4	88,700	72,900	15,800	17.8
Wenatchee Labor Area 2/	38,690	33,270	5,420	14.0	38,020	32,190	5,830	15.3
Adams	7,870	6,880	990	12.6	7,760	6,640	1,120	14.4
Asotin	8,130	7,330	850	10.4	8,180	7,350	830	10.1
Clallam	19,960	17,240	2,720	13.6	19,630	16,740	2,890	14.7
Clark	94,330	85,960	8,370	8.9	94,140	85,770	8,370	8.9
Columbia	2,180	1,950	230	10.6	1,940	1,690	250	12.9
Cowlitz	33,000	28,440	4,560	13.8	33,110	28,660	4,450	13.4
Ferry	2,850	2,260	590	20.7	2,750	2,160	590	21.5
Garfield	1,300	1,180	120	9.2	1,260	1,130	130	10.3
Grant	24,130	20,990	3,140	13.0	23,930	20,650	3,280	13.7
Grays Harbor	28,380	24,240	4,140	14.6	28,270	24,120	4,150	14.7
Island	15,420	14,040	1,380	8.9	15,360	13,950	1,410	9.2
Jefferson	6,760	6,040	720	10.7	6,550	5,830	720	11.0
Kittitas	11,880	9,880	2,000	16.8	11,820	9,870	1,950	16.5
Klickitat	7,170	5,920	1,250	17.4	7,220	5,800	1,420	19.7
Lewis	24,640	20,970	3,670	14.9	24,500	20,930	3,570	14.6
Lincoln	4,610	4,420	190	4.1	4,510	4,260	250	5.5
Mason	10,840	9,570	1,270	11.7	10,760	9,560	1,200	11.2
Okanogan	15,750	12,640	3,110	19.7	15,830	12,310	3,520	22.2
Pacific	7,240	6,100	1,140	15.7	7,170	6,050	1,120	15.6
Pend Oreille	4,360	3,570	790	18.1	4,240	3,490	750	17.7
San Juan	3,650	3,350	300	8.2	3,640	3,300	340	9.3
Skagit	34,620	29,300	5,320	15.4	34,890	29,670	5,220	15.0
Skamania	2,760	2,210	550	19.9	3,010	2,340	670	22.3
Stevens	12,660	10,220	2,440	19.3	12,560	9,990	2,570	20.5
Wahkiakum	1,430	1,310	120	8.4	1,420	1,270	150	10.6
Walla Walla	26,120	23,140	2,980	11.4	26,030	22,860	3,170	12.2
Whitman	17,400	16,770	630	3.6	17,100	16,460	640	3.7

1/ Official U.S. Department of Labor, Bureau of Labor Statistics data. Data are not comparable with estimates made in previous years.

2/ Includes Benton and Franklin counties.

3/ Includes Chelan and Douglas counties.

ESTIMATED AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING AND OF NONSUPERVISORY WORKERS IN NONMANUFACTURING ACTIVITIES, STATE OF WASHINGTON

	Mar. 1984 Prod. or Nonsup. Workers	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
		Mar. 1984	Feb. 1984	Mar. 1983	Mar. 1984	Feb. 1984	Mar. 1983	Mar. 1984	Feb. 1984	Mar. 1983
TOTAL MANUFACTURING INDUSTRIES	178,600	$453.15	$453.18	$446.55	39.2	39.0	39.0	$11.56	$11.62	$11.45
Lumber and Wood Products	37,700	442.33	425.24	434.51	39.6	37.9	38.9	11.17	11.22	11.17
Primary Metal Industries	10,800	561.04	556.28	555.05	41.9	41.7	42.5	13.39	13.34	13.06
Fabricated Metal Products	7,100	482.10	465.20	498.57	41.1	40.0	40.9	11.73	11.63	12.19
Machinery	16,700	409.37	397.97	365.90	39.4	38.6	37.8	10.39	10.31	9.68
Food and Kindred Products	22,400	349.90	365.25	355.05	36.6	37.5	37.1	9.56	9.74	9.57
Chemicals and Allied Products	5,200	520.83	530.04	507.91	41.7	42.1	41.7	12.49	12.59	12.18
SELECTED NONMANUFACTURING INDUSTRIES										
Construction	49,400	641.58	597.91	646.92	37.0	35.4	36.0	17.34	16.89	17.97
Wholesale and Retail Trade	245,800	310.71	306.28	306.57	33.7	33.4	33.8	9.22	9.17	9.07

OVER 15.3
13.3 - 15.3
10.0 - 13.2
UNDER 10.0

APRIL
UNEMPLOYMENT
RATES